

- Sub cat 1 A digital data processing method comprising
- transforming data from a plurality of databases into resource description framework (RDF) triples,
- storing the triples in a data store, and
- traversing one or more of the triples in the data store using a genetic algorithms in order to identify data responsive to a query.
2. A method according to claim 1, wherein the transforming step includes transforming data from a plurality of databases of disparate variety.
3. A method according to claim 2, wherein the data is any of marketing, e-commerce or transactional data.
4. A method according to claim 1, wherein the traversing step includes performing a plurality of searches on the data store, each search utilizing a different methodology.
5. A method according to claim 4, wherein the traversing step further comprises comparing results of one or more of the searches.
6. A method according to claim 5, wherein the traversing step further comprises discerning from the comparison one or more of the searches that produce better results and re-performing those one or more searches on the data store with any of additional terms or further granularity.

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7. A method according to claim 1, wherein the storing step includes storing the triples such that related data from the plurality of databases is represented by uniform resource indicators (URIs) in a hierarchical ordering.
8. A method according to claim 7, wherein the RDF triples each have a subject, predicate and object and wherein the storing step includes storing the triples such that through each triple's object that triple's predicate and subject are referenced.
9. A digital data processing method for real-time business visibility comprising collecting any of marketing, e-commerce and transactional data from a plurality of databases, at least two of which are of disparate variety, storing the collected data in a schema-less data store.
10. A digital data processing method according to claim 9, comprising transforming the collected data into resource description framework triples before storing it to the data store
11. A digital data processing method according to claim 9, wherein the collecting step includes applying one or more queries to the plurality of databases in order to collect the marketing, e-commerce and transactional data.
12. A digital data processing method according to claim 11, wherein the collecting step includes

applying the one or more queries in accord with a data mining technique.

13. A digital data processing method according to claim 11, comprising

traversing one or more of the RDF triples in the data store using a genetic algorithms in order to identify data responsive to a query.

14. A method according to claim 13, wherein the traversing step includes performing a plurality of searches on the data store, each search utilizing a different methodology.

15. A method according to claim 14, wherein the traversing step further comprises comparing results of one or more of the searches.

16. A method according to claim 15, wherein the traversing step further comprises discerning from the comparison one or more of the searches that produce better results and re-performing those one or more searches on the data store with any of additional terms or further granularity.

17. A digital data processing method comprising

transforming any of marketing, e-commerce and transactional data from a plurality of databases into resource description framework (RDF) triples, where at least two of the databases are of disparate variety,

storing the triples in a data store, and

forming collections from triples in the data store.

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18. A digital data processing method according to claim 17, wherein
the storing step includes storing the triples such that related data from the plurality of databases are related in a hierarchy,
the forming step includes comparing sequential levels of triples in the hierarchy.
19. A digital data processing method according to claim 17, comprising
utilizing the forming step to form collections responsive to a query.
20. A digital data processing method according to claim 17, comprising
utilizing the forming step to reduce data redundancy.
21. A digital data processing method according to claim 17, wherein the storing step includes
storing any of version numbers, uniqueness identifiers, serial numbers, confidence level, or other adjectival data along with at least selected triples.
22. A digital data processing method comprising
transforming any of marketing, e-commerce and transactional data from a plurality of databases into resource description framework (RDF) triples, where at least two of the databases are of disparate variety,

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- storing the triples in a data store, and
- storing expiry data with at least selected ones of the triples.
23. A digital data processing method according to claim 22, comprising any of deleting and tagging as stale triples based on expiry data associated therewith.
24. A digital data processing method according to claim 22, comprising
- searching the triples for data responsive to a query,
- returning such data along with a confidence factor.
25. A digital data processing method according to claim 24, comprising
- generating the confidence factor based on expiry data associated with a triple.